BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	1
Item Name:	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
		For RCC DRAIN								
	Santhosh nagar 6th main road(North side)									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	60.00	1	30.00	1.10	0.85	28.05			
	60.00	90.00	1	30.00	1.10	0.85	28.05			
	90.00	120.00	1	30.00	1.10	0.85	28.05			
	120.00	138.10	1	18.10	1.10	0.85	16.92			
	Santhosh nagar 6th main road(South side)									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	60.00	1	30.00	1.10	0.85	28.05			
	60.00	90.00	1	30.00	1.10	0.85	28.05			
	90.00	120.00	1	30.00	1.10	0.85	28.05			
	120.00	135.30	1	15.30	1.10	0.85	14.31			
	1st Cross Road East Side(From 6th Main Road RHS)									
	0.00	24.20	1	24.20	1.10	0.85	22.63			
	1st Cross Road West Side(From 6th Main Road RHS)									
	0.00	24.30	1	24.30	1.10	0.85	22.72			
	2nd Cross Road East Side(From 6th Main Road RHS)									
	0.00	25.60	1	25.60	1.10	0.85	23.94			
	2nd Cross Road West Side(From 6th Main Road RHS)									
	0.00	25.20	1	25.20	1.10	0.85	23.56			
	2nd Cross Road East Side(From 6th Main Road LHS)									
	0.00	37.00	1	37.00	1.10	0.85	34.60			

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
	3rd Cross road near Indira law college									
	0.00	25.30	1	25.30	1.10	0.85	23.66			
	4th Cross road (West side) near Kallavar public school									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	49.30	1	19.30	1.10	0.85	18.05			
	4th Cross road (East side) near Kallavar public school									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	35.80	1	5.80	1.10	0.85	5.42			
	Cross road (North side) near lakshmi venkateshwara residency									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	60.00	1	30.00	1.10	0.85	28.05			
	60.00	85.70	1	25.70	1.10	0.85	24.03			
	Cross road (South side) near lakshmi venkateshwara residency									
	0.00	30.00	1	30.00	1.00	0.85	25.50			
	30.00	60.00	1	30.00	1.00	0.85	25.50			
	60.00	81.00	1	21.00	1.00	0.85	17.85			
	5th Cross road (East side) from 6th main after kallavar public school									
	0.00	19.40	1	19.40	1.00	0.85	16.49			
	5th Cross road (West side) from 6th main after kallavar public school									
	0.00	20.10	1	20.10	1.00	0.85	17.09			
	7th 'A' Main Road West Side(From Sandeep Unnikrishnan Road)									
	0.00	30.00	1	30.00	1.10	0.85	28.05			
	30.00	60.00	1	30.00	1.10	0.85	28.05			
	60.00	90.00	1	30.00	1.10	0.85	28.05			
	90.00	120.00	1	30.00	1.10	0.85	28.05			
	120.00	150.00	1	30.00	1.10	0.85	28.05			
	150.00	177.20	1	27.20	1.10	0.85	25.43			
	4th Main Road West Side(From Sandeep Unnikrishnan Road)									
	0.00	30.00	1	30.00	1.10	0.90	29.70			
	30.00	60.00	1	30.00	1.10	0.90	29.70			
	60.00	90.00	1	30.00	1.10	0.90	29.70			
	90.00	120.00	1	30.00	1.10	0.90	29.70			
	120.00	139.00	1	19.00	1.10	0.90	18.81			

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
4th Main Road East Side(From Sandeep Unnikrishnan Road)										
	0.00	30.00	1	30.00	1.10	0.90	29.70			
	30.00	60.00	1	30.00	1.10	0.90	29.70			
	60.00	90.00	1	30.00	1.10	0.90	29.70			
	90.00	120.00	1	30.00	1.10	0.90	29.70			
	120.00	142.00	1	22.00	1.10	0.90	21.78			
4th Main Road West Side										
	0.00	19.30	1	19.30	1.10	0.90	19.11			
4th Main Road East Side										
	0.00	19.30	1	19.30	1.10	0.90	19.11			
6th 'A' Main Road East Side										
	0.00	18.00	1	18.00	1.10	0.90	17.82			
Total Qty Work Done							1168.75			
Qty Payable in this bill							1167.80			
Qty Considered							1167.80	Cum	229.77	268325.41

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03 5.10.2020

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Asst. Executive Engineer
Yelahanka Satellite Town Sub Division
5/10/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:-Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	2
Item Name:	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate

SLNO	CHAINAGE		NO	AREA	D	QTY	unit	Rate	Amount
	Land Mark								
a) 40mm Jelly									
	0.00	1.00	1	0.31	0.40	0.12			
	1.00	2.00	1	0.31	0.40	0.12			
	2.00	3.00	1	0.31	0.40	0.12			
	3.00	4.00	1	0.31	0.40	0.12			
	4.00	5.00	1	0.31	0.40	0.12			
					TOTAL=	0.62	Cum	1981.79	1228.71
b) 20mm Jelly									
	0.00	1.00	1	0.31	0.40	0.12			
	1.00	2.00	1	0.31	0.40	0.12			
	2.00	3.00	1	0.31	0.40	0.12			
	3.00	4.00	1	0.31	0.40	0.12			
	4.00	5.00	1	0.31	0.40	0.12			
					TOTAL=	0.62	Cum	1981.79	1228.71
c) Coarse sand									
	0.00	1.00	1	0.31	0.30	0.09			
	1.00	2.00	1	0.31	0.30	0.09			
	2.00	3.00	1	0.31	0.30	0.09			
	3.00	4.00	1	0.31	0.30	0.09			
	4.00	5.00	1	0.31	0.30	0.09			
					TOTAL=	0.47	Cum	2763.67	1285.11
d) Fine sand									
	0.00	1.00	1	0.31	0.20	0.06			
	1.00	2.00	1	0.31	0.20	0.06			

SLNO	DESCRIPTION									
	CHAINAGE		NO	AREA	D	QTY	unit	Rate	Amount
	Land Mark								
	2.00	3.00	1	0.31	0.20	0.06			
	3.00	4.00	1	0.31	0.20	0.06			
	4.00	5.00	1	0.31	0.20	0.06			
					TOTAL=	0.31	Cum	2763.67	856.74
	e) 12.5mm chips								
	0.00	1.00	1	0.31	0.30	0.09			
	1.00	2.00	1	0.31	0.30	0.09			
	2.00	3.00	1	0.31	0.30	0.09			
	3.00	4.00	1	0.31	0.30	0.09			
	4.00	5.00	1	0.31	0.30	0.09			
					TOTAL=	0.47	Cum	1981.79	921.53
								TOTAL AMOUNT=	5520.80

CSPC

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03
7.10.2020

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Asst Executive Engineer
Yelahanka Satellite Town Sub Division
07/10/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	4	
Item Name:	**Providing of Geonets** for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate	

SLNO	CHAINAGE / Land Mark		NO	AREA	D	QTY	unit	Rate	Amount
0.63 dia HDPE Perforated Pipe.									
	0.00	1.00	1	0.31	-	0.31			
	1.00	2.00	1	0.31	-	0.31			
	2.00	3.00	1	0.31	-	0.31			
	3.00	4.00	1	0.31	-	0.31			
	4.00	5.00	1	0.31	-	0.31			
					TOTAL=	1.55	Sqm	74.05	114.78

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03
7.10.2020

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division
07/10/2020

BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	5
Item Name:	KSRRB M2100-10. Providing and laying **Plain cement concrete** of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labours, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222, I No-27.18)

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
For RCC DRAIN										
Santhosh nagar 6th main road(North side)										
	0.00	30.00	1	30.00	1.10	0.10	3.30			
	30.00	60.00	1	30.00	1.10	0.10	3.30			
	60.00	90.00	1	30.00	1.10	0.10	3.30			
	90.00	120.00	1	30.00	1.10	0.10	3.30			
	120.00	138.10	1	18.10	1.10	0.10	1.99			
Santhosh nagar 6th main road(South side)										
	0.00	30.00	1	30.00	1.10	0.10	3.30			
	30.00	60.00	1	30.00	1.10	0.10	3.30			
	60.00	90.00	1	30.00	1.10	0.10	3.30			
	90.00	120.00	1	30.00	1.10	0.10	3.30			
	120.00	135.30	1	15.30	1.10	0.10	1.68			
1st Cross Road East Side(From 6th Main Road RHS)										
	0.00	24.20	1	24.20	1.10	0.10	2.66			
1st Cross Road West Side(From 6th Main Road RHS)										
	0.00	24.30	1	24.30	1.10	0.10	2.67			
2nd Cross Road East Side(From 6th Main Road RHS)										
	0.00	25.60	1	25.60	1.10	0.10	2.82			
2nd Cross Road West Side(From 6th Main Road RHS)										
	0.00	25.20	1	25.20	1.10	0.10	2.77			
2nd Cross Road East Side(From 6th Main Road LHS)										
	0.00	37.00	1	37.00	1.10	0.10	4.07			

ENO	Land Mark	NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
4th Main Road East Side(From Sandeep Unnikrishnan Road)									
	0.00	30.00	1	30.00	1.10	0.10	3.30		
	30.00	60.00	1	30.00	1.10	0.10	3.30		
	60.00	90.00	1	30.00	1.10	0.10	3.30		
	90.00	120.00	1	30.00	1.10	0.10	3.30		
	120.00	142.00	1	22.00	1.10	0.10	2.42		
4th Main Road West Side									
	0.00	19.30	1	19.30	1.10	0.10	2.12		
4th Main Road East Side									
	0.00	19.30	1	19.30	1.10	0.10	2.12		
6th 'A' Main Road East Side									
	0.00	18.00	1	18.00	1.10	0.10	1.98		
						Total Qty Work Done	137.52		
						Qty Payable in this bill	137.06		
						Qty Considered	137.06	Cum	5652.33	774708.35

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03

12.10.2020

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	6
Item Name:	Providing and laying plain/reinforced cement concrete for side **drains wall & bottom** thickness 15cm using **M20** nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
	For RCC DRAIN Raft									
	Santhosh nagar 6th main road(North side)									
	0.00	30.00	1	30.00	1.00	0.15	4.50			
	30.00	60.00	1	30.00	1.00	0.15	4.50			
	60.00	90.00	1	30.00	1.00	0.15	4.50			
	90.00	120.00	1	30.00	1.00	0.15	4.50			
	120.00	138.10	1	18.10	1.00	0.15	2.72			
	Santhosh nagar 6th main road(South side)									
	0.00	30.00	1	30.00	1.10	0.15	4.95			
	30.00	60.00	1	30.00	1.10	0.15	4.95			
	60.00	90.00	1	30.00	1.10	0.15	4.95			
	90.00	120.00	1	30.00	1.10	0.15	4.95			
	120.00	135.30	1	15.30	1.10	0.15	2.52			
	1st Cross Road East Side(From 6th Main Road RHS)									
	0.00	24.20	1	24.20	1.10	0.15	3.99			
	1st Cross Road West Side(From 6th Main Road RHS)									
	0.00	24.30	1	24.30	1.10	0.15	4.01			
	2nd Cross Road East Side(From 6th Main Road RHS)									
	0.00	25.60	1	25.60	1.10	0.15	4.22			
	2nd Cross Road West Side(From 6th Main Road RHS)									
	0.00	25.20	1	25.20	1.10	0.15	4.16			
	2nd Cross Road East Side(From 6th Main Road LHS)									

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
	0.00	12.10	1	12.10	0.40	0.05	0.24			
4th Main Road East Side(From Sandeep Unnikrishnan Road)										
	0.00	10.00	0	10.00	0.40	0.05	0.00			
	0.00	11.20	1	11.20	0.50	0.05	0.28			
						Total Qty Work Done	448.73			
						Qty Payable in this bill	448.56			
						Qty Considered	448.56	Cum	7370.68	3306192.22

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03
20.10.2020

Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Sub No	7	
Item No	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinary complete as per specifications. MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (p.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit	Rate	Amount
			For RCC Drain									
			Santhosh nagar 6th main road(North side)									
1	8	1	150mm C/C	15	138.10	2117.53	Distribution	0.40	836.56			
2	10	1	100mm C/C	1381	2.30	3176.30	Main Bar	0.62	1960.68			
			Santhosh nagar 6th main road(South side)									
1	8	1	150mm C/C	17	135.30	2255.00	Distribution	0.40	890.86			
2	10	1	100mm C/C	1353	2.50	3382.50	Main Bar	0.62	2087.96			
			1st Cross Road East Side(From 6th Main Road RHS)									
1	8	1	150mm C/C	16	24.20	387.20	Distribution	0.40	152.97			
2	10	1	100mm C/C	242	2.40	580.80	Main Bar	0.62	358.52			
			1st Cross Road West Side(From 6th Main Road RHS)									
1	8	1	150mm C/C	16	24.30	388.80	Distribution	0.40	153.60			
2	10	1	100mm C/C	243	2.40	583.20	Main Bar	0.62	360.00			
			2nd Cross Road East Side(From 6th Main Road RHS)									
1	8	1	150mm C/C	16	25.60	418.13	Distribution	0.40	165.19			
2	10	1	100mm C/C	256	2.45	627.20	Main Bar	0.62	387.16			
			2nd Cross Road West Side(From 6th Main Road RHS)									
1	8	1	150mm C/C	16	25.20	411.60	Distribution	0.40	162.61			
2	10	1	100mm C/C	252	2.45	617.40	Main Bar	0.62	381.11			
			2nd Cross Road East Side(From 6th Main Road LHS)									
1	8	1	150mm C/C	16	37.00	604.33	Distribution	0.40	238.75			
2	10	1	100mm C/C	370	2.45	906.50	Main Bar	0.62	559.57			
			3rd Cross road near Indira law college									
1	8	1	150mm C/C	16	25.30	413.23	Distribution	0.40	163.25			
2	10	1	100mm C/C	253	2.45	619.85	Main Bar	0.62	382.62			
			4th Cross road (West side) near Kallavar public school									
1	8	1	150mm C/C	16	49.30	805.23	Distribution	0.40	318.12			
2	10	1	100mm C/C	493	2.45	1207.85	Main Bar	0.62	745.59			
			4th Cross road (East side) near Kallavar public school									
1	8	1	150mm C/C	16	35.80	584.73	Distribution	0.40	231.01			
2	10	1	100mm C/C	358	2.45	877.10	Main Bar	0.62	541.42			
			Cross road (North side) near lakshmi venkateshwara residency									
1	8	1	150mm C/C	16	85.70	1399.77	Distribution	0.40	552.99			
2	10	1	100mm C/C	857	2.45	2099.65	Main Bar	0.62	1296.08			
			Cross road (South side) near lakshmi venkateshwara residency									
1	8	1	150mm C/C	17	81.00	1350.00	Distribution	0.40	533.33			
2	10	1	100mm C/C	810	2.50	2025.00	Main Bar	0.62	1250.00			
			5th Cross road (East side) from 6th main after kallavar public school									
1	8	1	150mm C/C	17	19.40	323.33	Distribution	0.40	127.74			
2	10	1	100mm C/C	194	2.50	485.00	Main Bar	0.62	299.38			
			5th Cross road (West side) from 6th main after kallavar public school									
1	8	1	150mm C/C	17	20.10	335.00	Distribution	0.40	132.35			
2	10	1	100mm C/C	201	2.50	502.50	Main Bar	0.62	310.19			

	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit	Rate	Amount
6th 'A' Main Road West Side(From Sandeep Unnikrishnan Road)												
1	8	1	150mm C/C	16	177.20	2894.27	Distribution	0.40	1143.41			
2	10	1	100mm C/C	1772	2.45	4341.40	Main Bar	0.62	2679.88			
4th Main Road West Side(From Sandeep Unnikrishnan Road)												
1	8	1	150mm C/C	16	139.00	2270.33	Distribution	0.40	896.92			
2	10	1	100mm C/C	1390	2.45	3405.50	Main Bar	0.62	2102.16			
4th Main Road East Side(From Sandeep Unnikrishnan Road)												
1	8	1	150mm C/C	17	142.00	2366.67	Distribution	0.40	934.98			
2	10	1	100mm C/C	1420	2.50	3550.00	Main Bar	0.62	2191.36			
4th Main Road West Side												
1	8	1	150mm C/C	16	19.30	315.23	Distribution	0.40	124.54			
2	10	1	100mm C/C	193	2.45	472.85	Main Bar	0.62	291.88			
4th Main Road East Side												
1	8	1	150mm C/C	16	19.30	315.23	Distribution	0.40	124.54			
2	10	1	100mm C/C	193	2.45	472.85	Main Bar	0.62	291.88			
6th 'A' Main Road East Side												
1	8	1	150mm C/C	16	18.00	294.00	Distribution	0.40	116.15			
2	10	1	100mm C/C	180	2.45	441.00	Main Bar	0.62	272.22			
								Total Quantity of Steel in Kg's	26749.5	kgs		
								Total Quantity of Steel in Tonne's	26.75	Tonnes		
								Qty Payable in this bill	26.91	Tonnes		
								Qty Considered	26.75	Tonnes	77136.91	2063374.98

Contractor

Project Management Consultants

Assistant Engineer
Ward No-03

20.10.2020

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Assistant Executive Engineer
Yelahanka Satellite Town Sub Division

Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

			L (m)	B (m)	D (m)			
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Present Qty			1167.80	Cum	229.77	
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate	Present Qty				Cum		
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per	Present Qty			9.00	Cum	11282.27	
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate	Present Qty			1.55		74.05	
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labours, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222, I No-27.18)	Present Qty			137.06	Cum	5652.33	
6	Providing and laying plain/reinforced cement concrete for side drains wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including	Present Qty			448.56	Cum	7370.68	
7	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinary complete as per specifications. MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (p.No.239, I.No.29.29.2 of	Present Qty			26.75		77136.91	

AE-2 17.11.2020

LEO CONSTRUCTION & ... BENGALURU

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Ward No-03

BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

First & Final Bill

Name of Work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division

Item No:	8	
Item Name:	Supplying and fixing precast reinforced concrete slab 10cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges , labour charges inclusive of cost of cost of all materials (data Rate enclosed)	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
	For RCC DRAIN									
	Santhosh nagar 6th main road(North side)									
	0.00	8.90	1	8.90	0.75	-	6.68			
	8.90	15.20	1	6.30	0.90	-	5.67			
	15.20	30.40	1	15.20	0.90	-	13.68			
	30.40	39.80	1	9.40	0.00		0.00			
	39.80	69.80	1	30.00	0.75	-	22.50			
	69.80	71.40	1	1.60	0.75	-	1.20			
	71.40	74.80	1	3.40	0.00		0.00			
	74.80	104.80	1	30.00	0.75	-	22.50			
	104.80	134.80	1	30.00	0.75	-	22.50			
	134.80	138.10	1	3.30	0.75	-	2.47			
	Santhosh nagar 6th main road(South side)									
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	63.20	1	3.20	0.90	-	2.88			
	63.20	72.00	1	8.80	0.00		0.00			
	72.00	102.00	1	30.00	0.90	-	27.00			
	102.00	132.00	1	30.00	0.90	-	27.00			
	132.00	135.30	1	3.30	0.90	-	2.97			
	1st Cross Road East Side(From 6th Main Road RHS)									
	0.00	24.20	1	24.20	0.00		0.00			
	1st Cross Road West Side(From 6th Main Road RHS)									
	0.00	24.30	1	24.30	0.90	-	21.87			
	2nd Cross Road East Side(From 6th Main Road RHS)									
	0.00	8.10	1	8.10	0.90	-	7.29			
	8.10	25.60	1	17.50	0.00		0.00			

SLNO	CHAINAGE		NO	L	B	D	QTY	unit	Rate	Amount
	Land Mark			(m)	(m)	(m)				
2nd Cross Road West Side(From 6th Main Road RHS)										
	0.00	9.00	1	9.00	0.00		0.00			
	9.00	25.20	1	16.20	0.90	-	14.58			
2nd Cross Road East Side(From 6th Main Road LHS)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	37.00	1	7.00	0.90	-	6.30			
3rd Cross road near Indira law college										
	0.00	10.00	1	10.00	0.00		0.00			
	10.00	25.30	1	15.30	0.90	-	13.77			
4th Cross road (West side) near Kallavar public school										
	0.00	16.10	1	16.10	0.90	-	14.49			
	16.10	19.60	1	3.50	0.00		0.00			
	19.60	49.30	1	29.70	0.90	-	26.73			
4th Cross road (East side) near Kallavar public school										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	35.80	1	5.80	0.90	-	5.22			
Cross road (North side) near lakshmi venkateshwara residency										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	85.70	1	25.70	0.90	-	23.13			
Cross road (South side) near lakshmi venkateshwara residency										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	75.50	1	15.50	0.90	-	13.95			
	75.50	81.00	1	5.50	0.00		0.00			
5th Cross road (East side) from 6th main after kallavar public school										
	0.00	19.40	1	19.40	0.90	-	17.46			
5th Cross road (West side) from 6th main after kallavar public school										
	0.00	20.10	1	20.10	0.90	-	18.09			
7th 'A' Main Road West Side(From Sandeep Unnikrishnan Road)										
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	90.00	1	30.00	0.90	-	27.00			
	90.00	120.00	1	30.00	0.90	-	27.00			
	120.00	150.00	1	30.00	0.90	-	27.00			

SLNO	Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
	150.00	177.20	1	27.20	0.90	-	24.48			
	4th Main Road West Side(From Sandeep Unnikrishnan Road)									
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	90.00	1	30.00	0.90	-	27.00			
	90.00	120.00	1	30.00	0.90	-	27.00			
	120.00	139.00	1	19.00	0.90	-	27.00			
	4th Main Road East Side(From Sandeep Unnikrishnan Road)						17.10			
	0.00	30.00	1	30.00	0.90	-	27.00			
	30.00	60.00	1	30.00	0.90	-	27.00			
	60.00	90.00	1	30.00	0.90	-	27.00			
	90.00	120.00	1	30.00	0.90	-	27.00			
	120.00	142.00	1	22.00	0.90	-	27.00			
	4th Main Road West Side						19.80			
	0.00	19.30	1	19.30	0.90	-	17.37			
	4th Main Road East Side									
	0.00	19.30	1	19.30	0.90	-	17.37			
	6th 'A' Main Road East Side									
	0.00	18.00	1	18.00	0.90	-	16.20			
Missing Slabs										
Santhosh Nagar layout			55	0.60	0.90	-	29.70			
Escorts Engineers layout			49	0.60	0.90	-	26.46			
Attur layout			46	0.60	0.90	-	24.84			
Akshaya Nagar layout			39	0.60	0.90	-	21.06			
						Total Qty Work Done	1121.31			
						Qty Payable in this bill	1121.40			
						Qty Considered	1121.31	Sqm	2436.32	2731869.98
									SUB TOTAL	9251646.94
									GST 12%	1110197.63
									GRAND TOTAL	10361844.57

C&FC

02/12/2020

Contractor

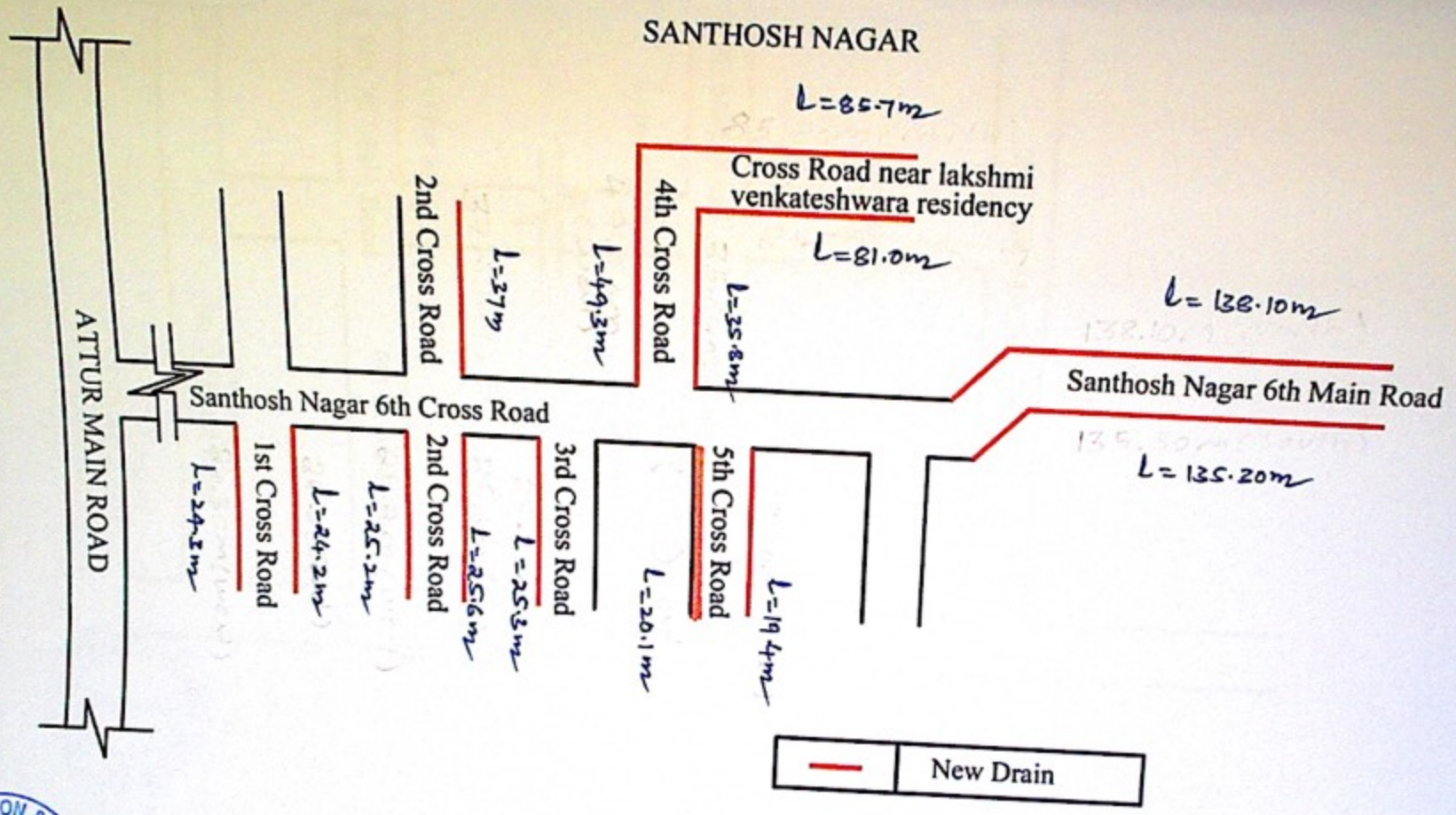
Assistant Engineer
Ward No-03

18/11/2020

Project Management Consultants

C&FC

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division



Name of work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub divisionno. 03, Attur

LEO CONSTRUCTION & CONSULTANCY BENGALURU

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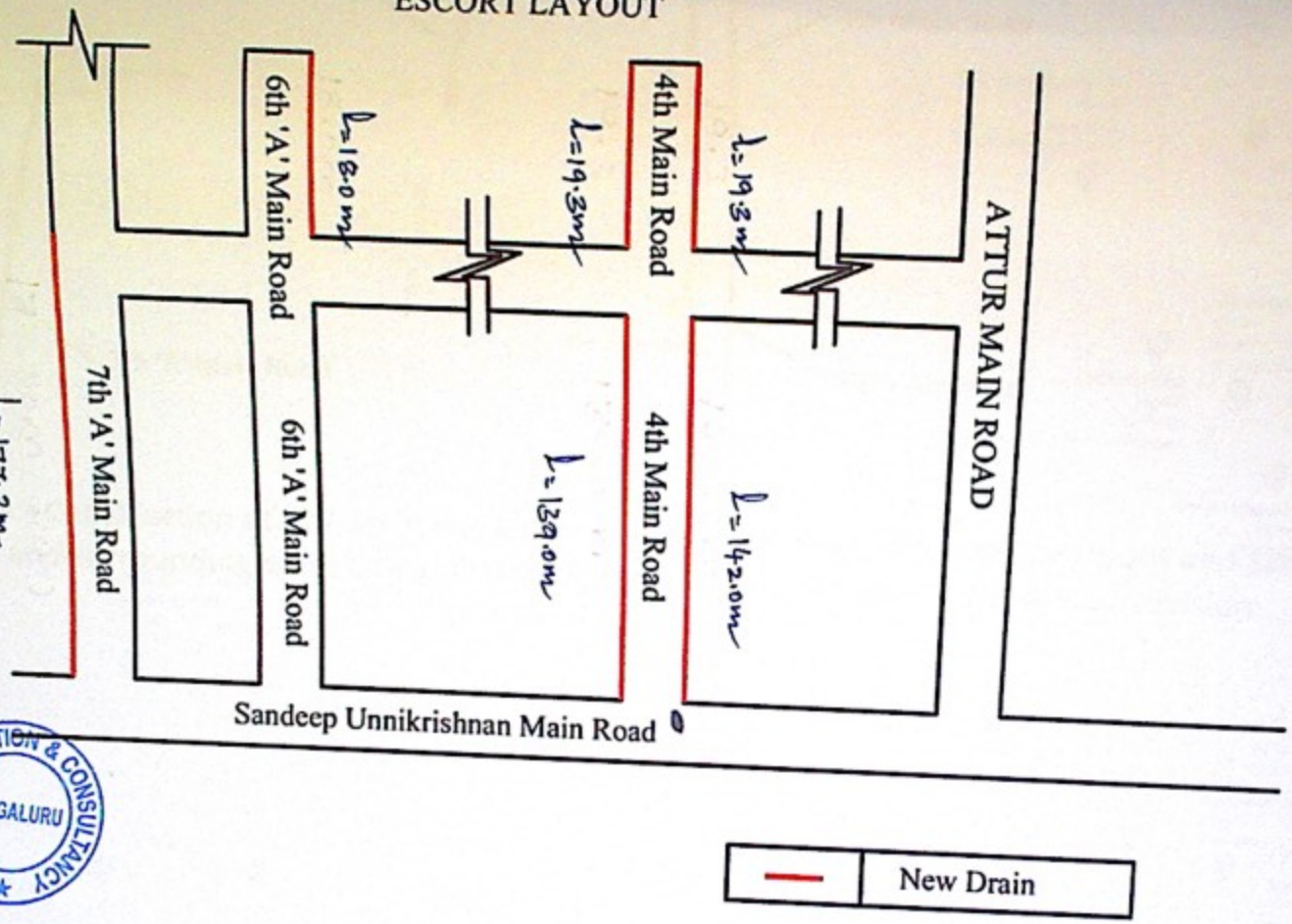
ESCORT LAYOUT



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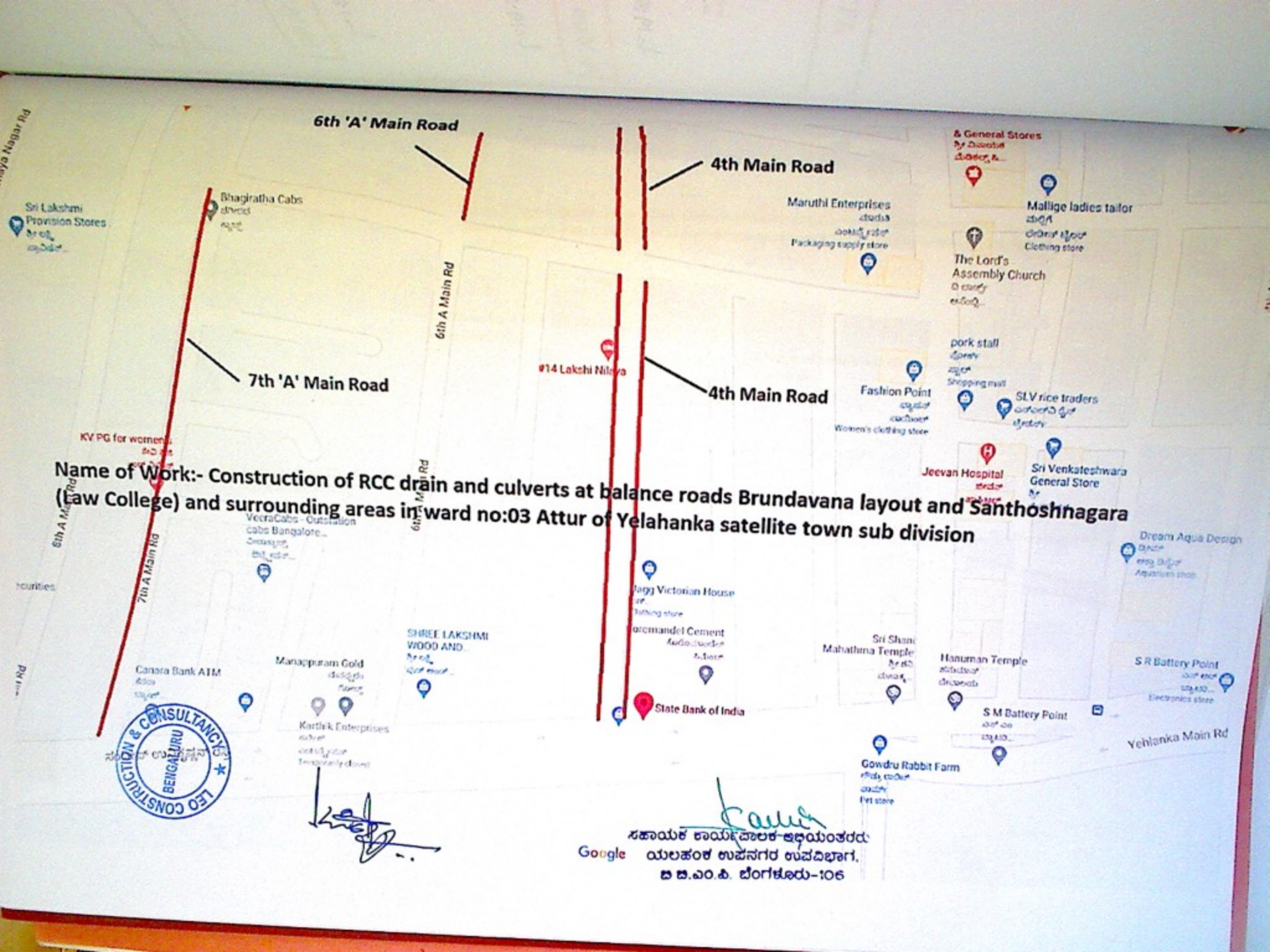

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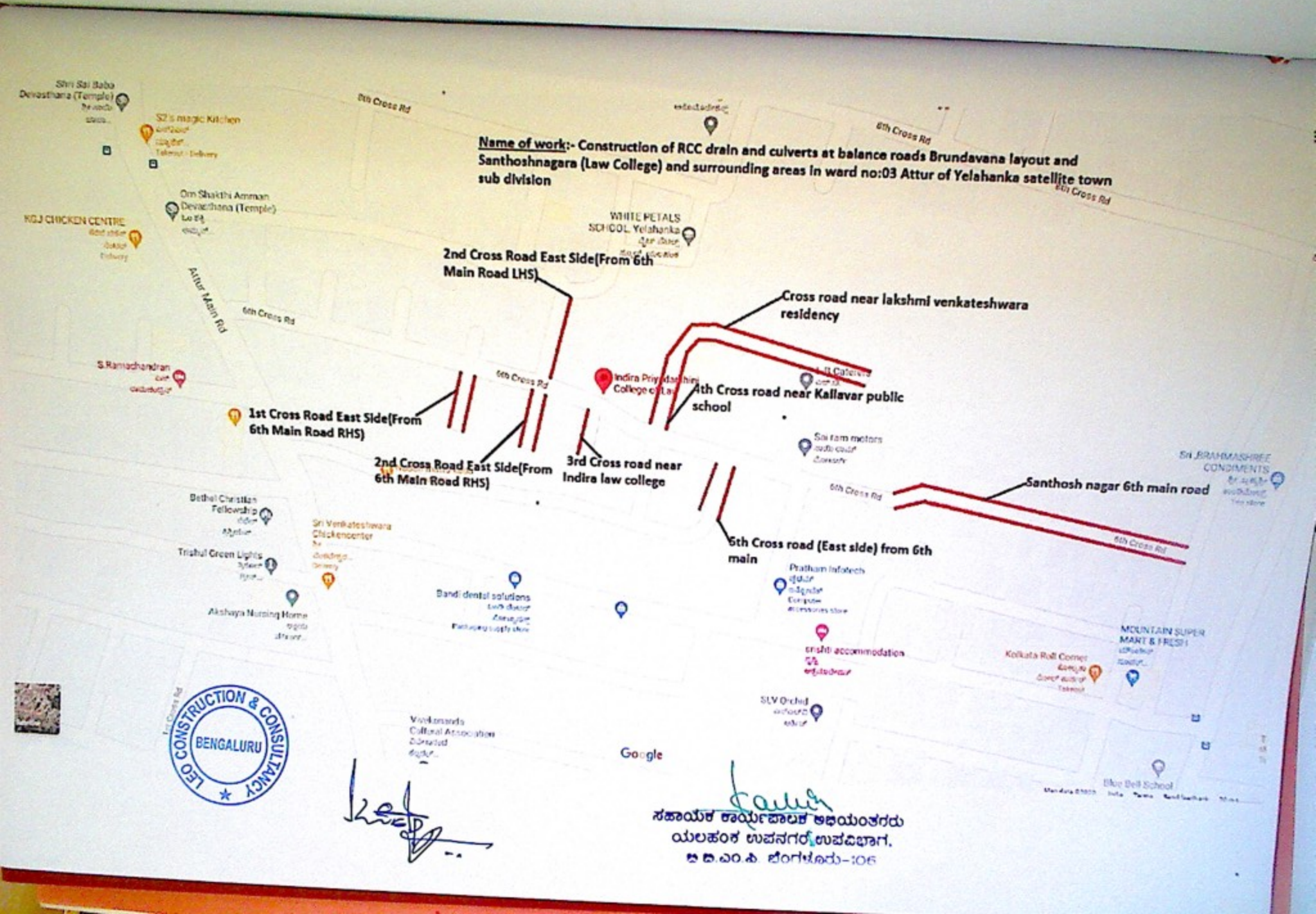
Name of work:- Construction of RCC drain and culverts at balance roads Brundavana layout and Santhoshnagara (Law College) and surrounding areas in ward no:03 Attur of Yelahanka satellite town sub division
2nd Cross Road East Side(From 6th Main Road LHS)
Cross road near lakshmi venkateshwara residency
4th Cross road near Kallavar public school
1st Cross Road East Side(From 6th Main Road RHS)
2nd Cross Road East Side(From 6th Main Road RHS)
3rd Cross road near Indira law college
Santhosh nagar 6th main road
6th Cross road (East side) from 6th main
LEO CONSTRUCTION & CONSULTANCY
BENGALURU
Google
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